

# Size of solar panels in Antananarivo power station





## Overview

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Can a 10kW Solar System fit on a 500 sq ft roof?

Given a 500 sq ft roof, you cannot install a 10kW solar system. The maximum size solar system that can fit on a 500 sq ft roof is 8.625 kW, calculated as follows: Max. Size Solar System = 500 Sq Ft Roof  $\times$  17.25 Watts / Sq Ft = 8.625 kW.

How many solar panels can you put on a 1000 sq ft roof?

Given that a typical 100-watt solar panel is 41.8 inches long and 20.9 inches wide, you can fit 123 such panels on a 1000 sq ft roof if you can use 75% of that roof area for solar panels.

What are the dimensions of a 300 watt solar panel?

A typical 300-watt solar panel is 65.8 inches long and 36.1 inches wide. It takes up 16.5 sq ft of area.

How many Watts Does a solar panel produce per square foot?

The average solar panel output per area is 17.25 watts per square foot. To find out how many watts your solar panel produces per square foot, divide the specified wattage by the square footage of the panel.



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### HOW MUCH SOLAR POWER DOES ANTANANARIVO HAVE

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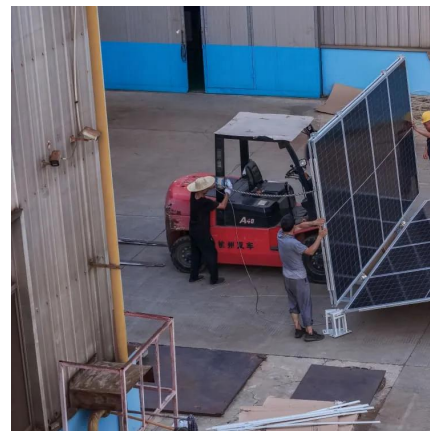


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